



Trans-disciplinary science to impact tropical forest landscapes

**Jeff Sayer
UBC**

WLE Impact webinar – September 29th 2021



INDONESIA





Malinau landscape



Understanding of change evolved



Contents lists available at SciVerse ScienceDirect

Global Food Security

journal homepage: www.elsevier.com/locate/gfs



Oil palm expansion transforms tropical landscapes and livelihoods

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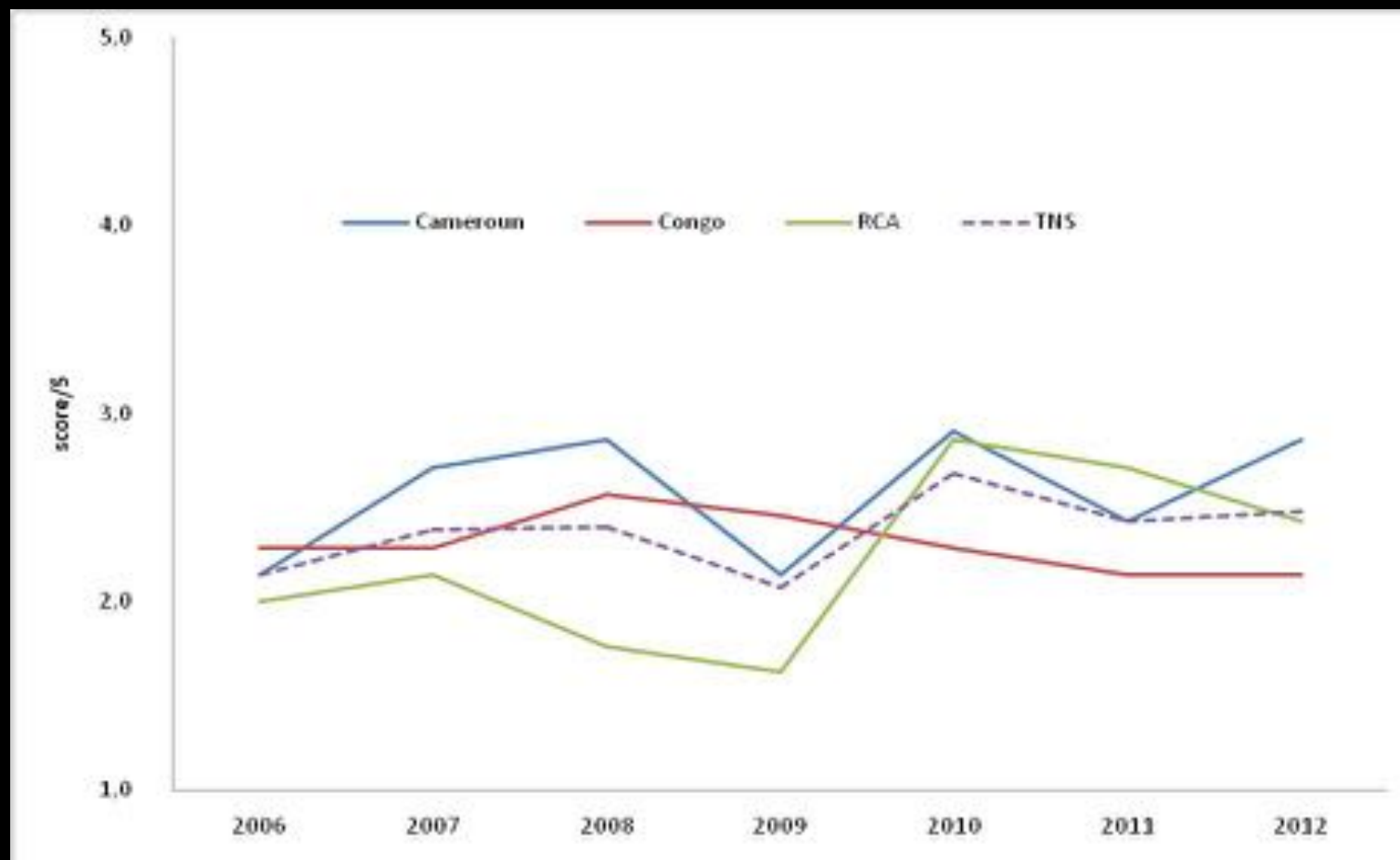




Models and Capital assets



Trend of development indicators for the TNS landscape: 2006 to 2012



Source: TNS Sangha group/Endamana

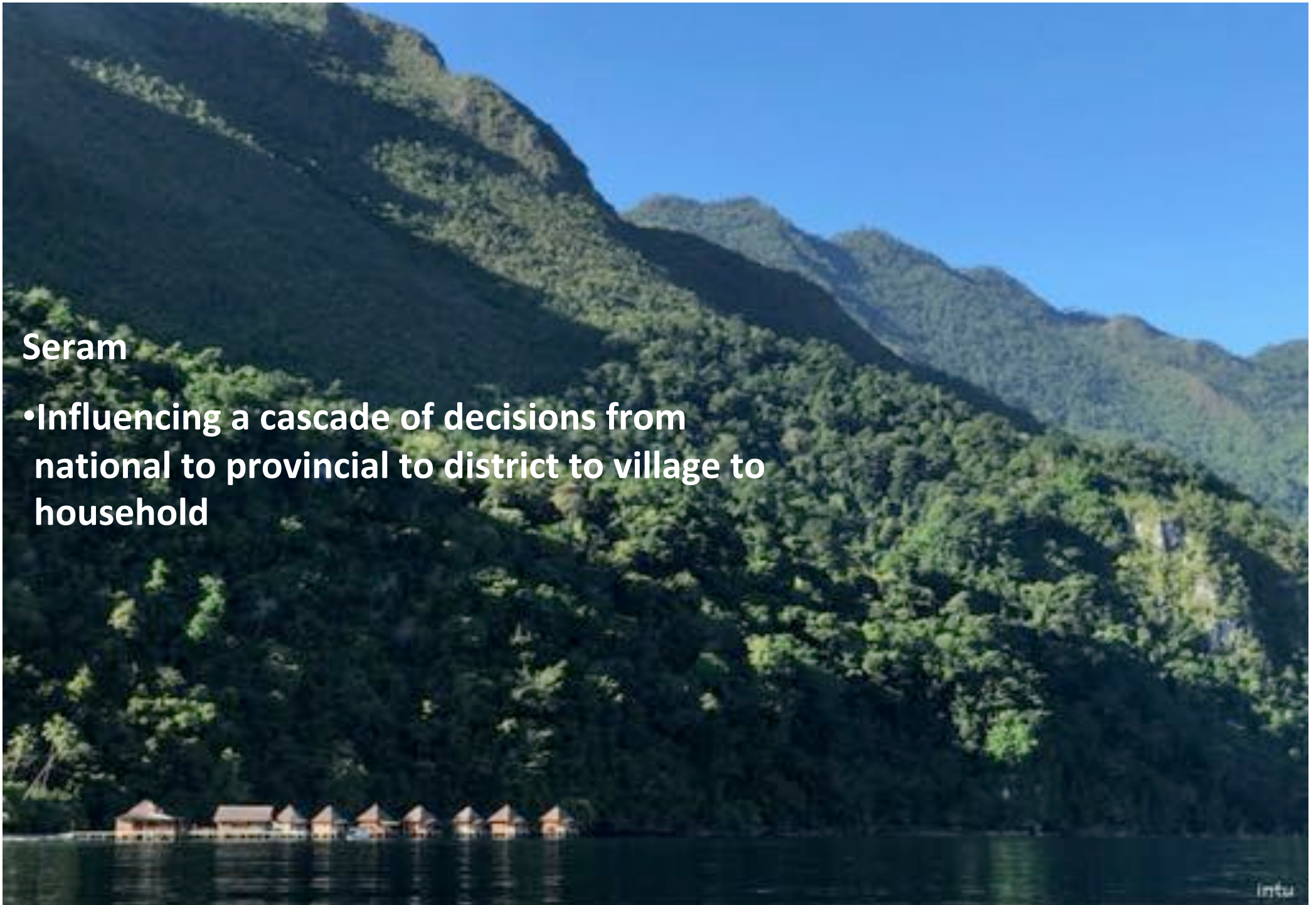




Kehicap – Boano Monarch

Seram

- Influencing a cascade of decisions from national to provincial to district to village to household







- Conservation only has traction when people are prospering



Contents lists available at ScienceDirect

Forest Policy and Economics

journal homepage: www.elsevier.com/locate/forpol



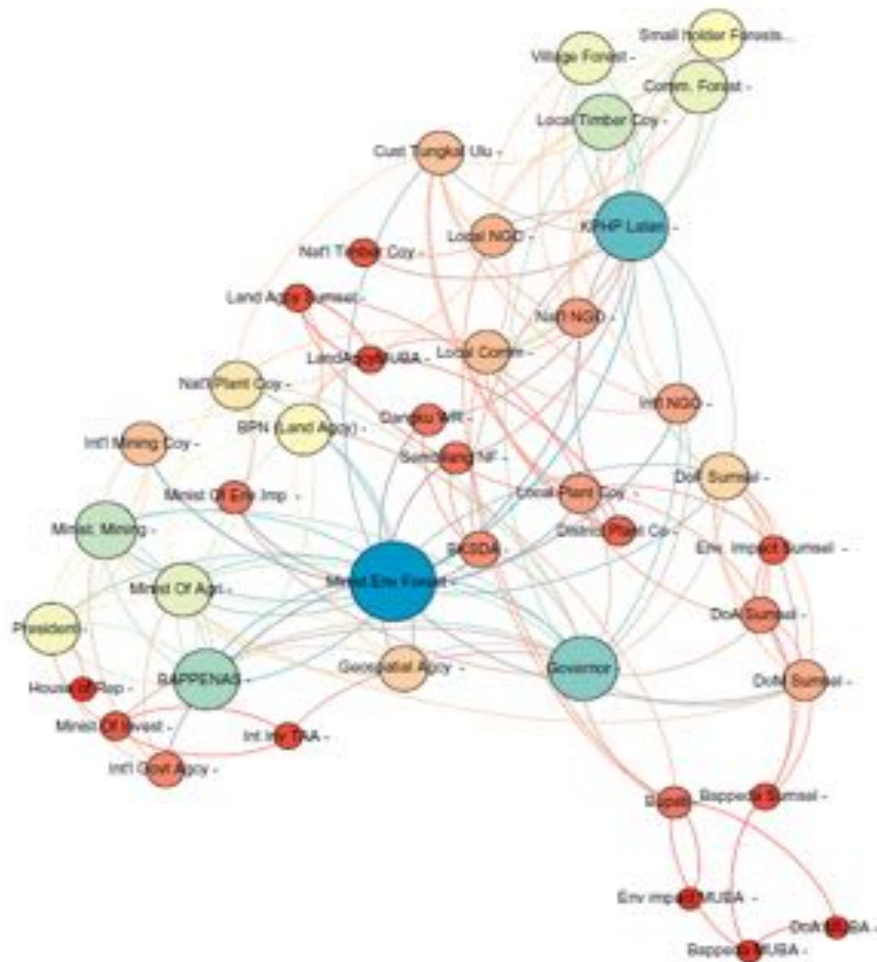
Determining the effectiveness of forest landscape governance: A case study from the Sendang landscape, South Sumatra

Dwi Amalia Sari^{a,d,e}, Jeffrey Sayer^{a,b,d}, Chris Margules^{a,c,d,e}, Agni Klintuni Boedhihartono^{b,d}

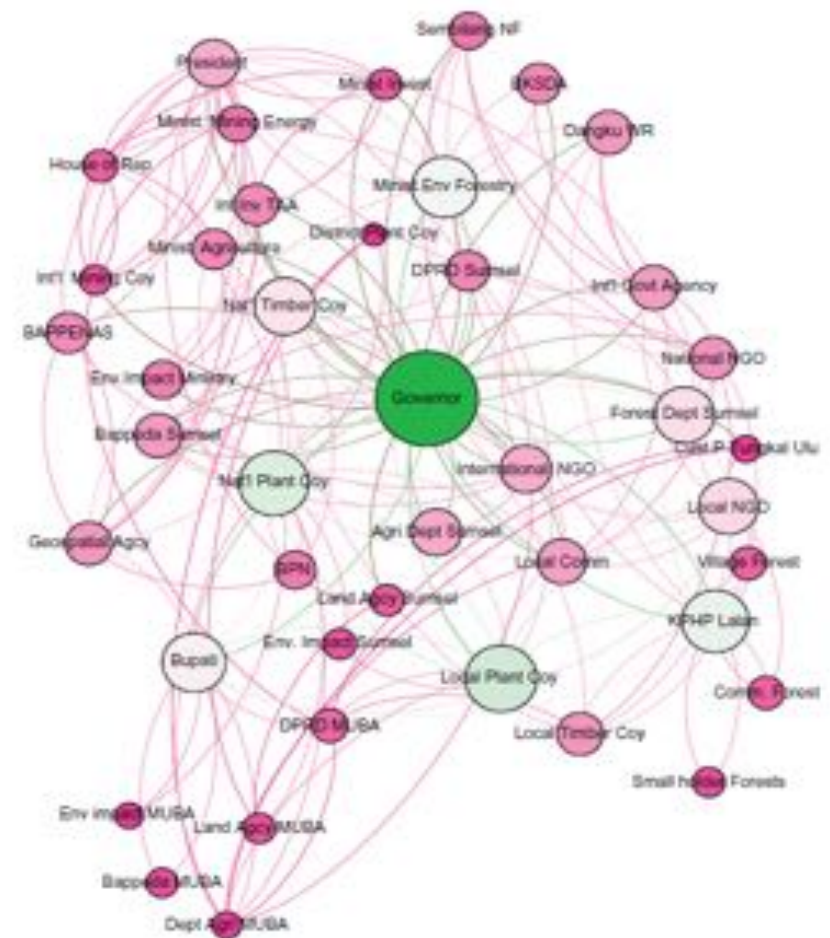


Actor networks – Formal and informal

How government thinks



How it really works





Science Embedded in Local Forest Landscape Management Improves Benefit Flows to Society

James Douglas Langston^{1,2*}, Rebecca Anne Riggs^{1,2}, Agustinus Kastanya^{2,3}, Jeffrey Sayer^{1,2,4}, Chris Margules^{1,2,5} and Agni Klintuni Boedhihartono^{1,2,4}

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Review Article

Conservation Science and Practice Must Engage With the Realities of Complex Tropical Landscapes

Tropical Conservation Science
Volume 11: 1–7

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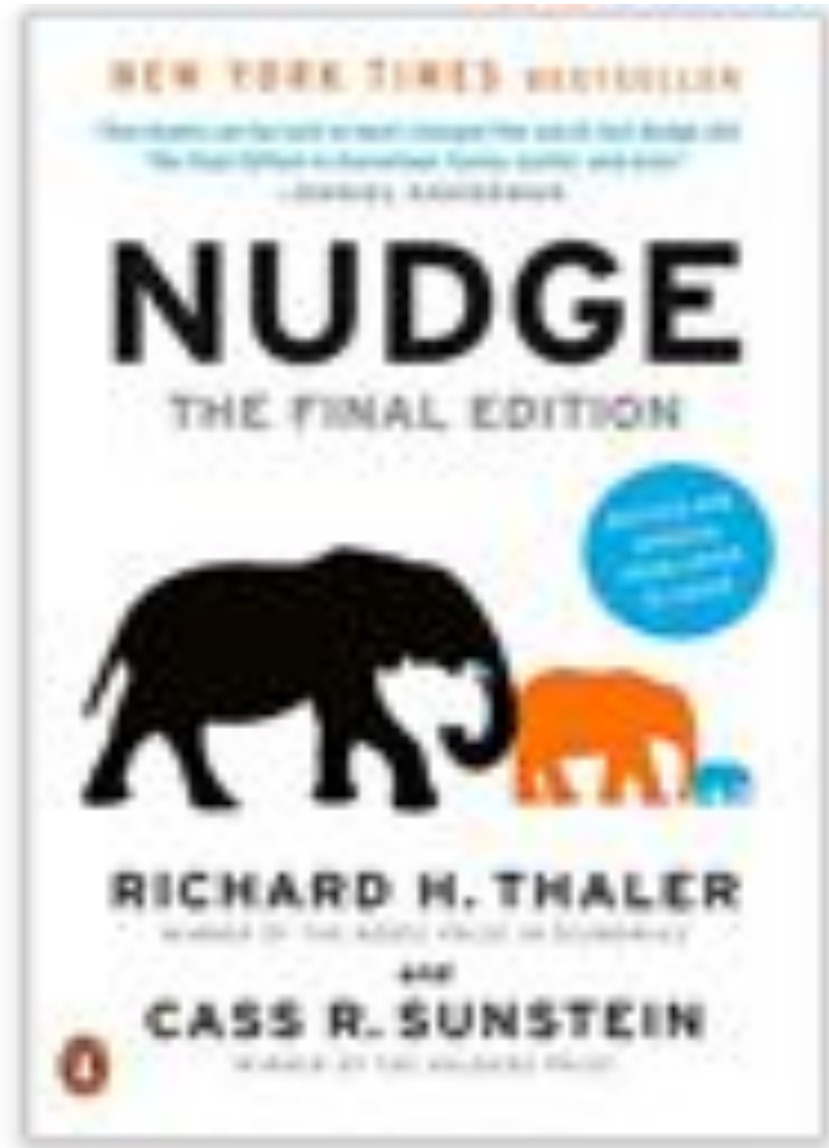
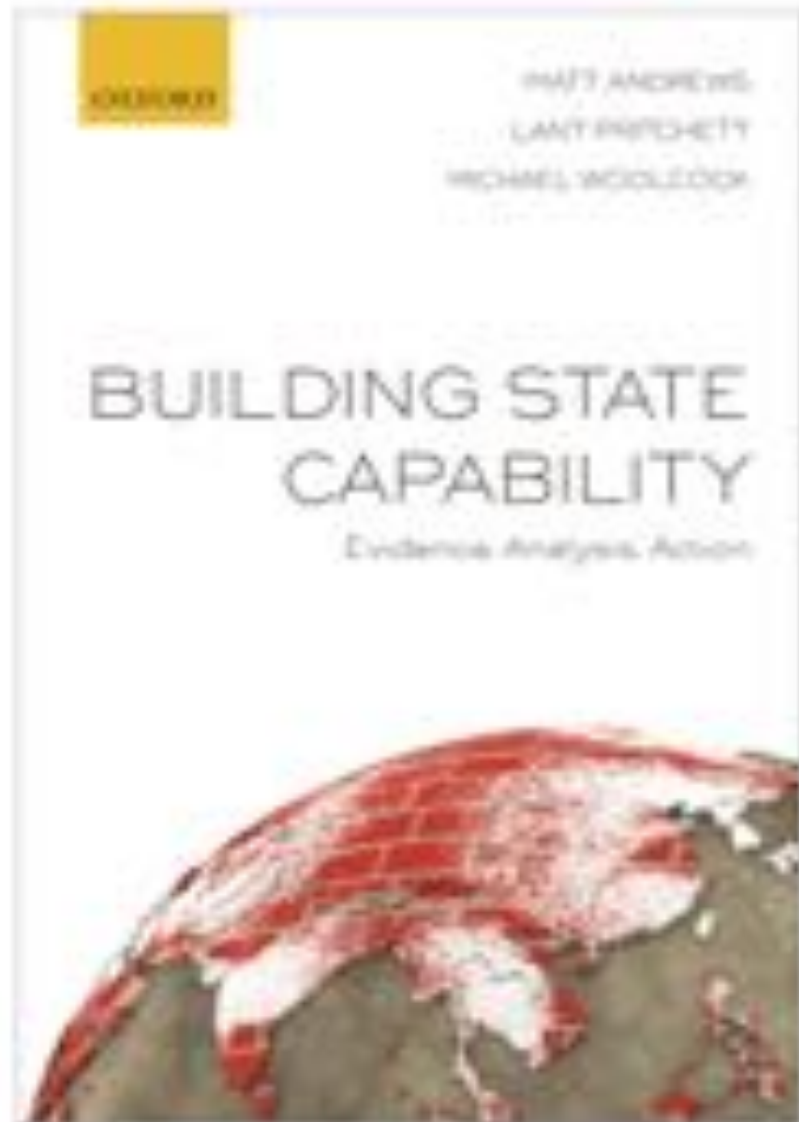


Transdisciplinary science for improved conservation outcomes

Chris Margules^{1,2,3}, Agni K Boedhihartono^{3,4}, James D Langston^{3,4},
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Peripheral Agents to influence policy change



Countering CGIAR elitism



K'ayáchten

ʔəmi ce:p kʷətxʷiləm

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WELCOME

BIENVENUE



A scenic landscape photograph showing a large body of water with a vibrant turquoise hue in the foreground, transitioning to a darker blue further out. The water is surrounded by golden-brown, grassy hills. In the distance, more hills and a small island are visible under a cloudy sky. The foreground is filled with tall, golden-brown grass.

Thank You

The challenge – measuring the impact of a Nudge !